

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
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This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) informs you, owners and operators of aircraft equipped with a **Chelton Avionics Systems Electronics Flight Information System (EFIS)**, that software version 5.0a *is now* available to address safety concerns that exist regarding missed approach procedures at certain airports with earlier software versions.

Background

The Chelton equipment displays real-time graphic terrain and situational awareness information to alert pilots of possible conflicts during departure and approach to landing. We have determined that under certain circumstances, misleading guidance into non-protected areas can occur. We issued SAIB CE-04-21 on November 20, 2003, stating that software would be available at a later date to correct this safety concern.

The manufacturer has released **EFIS software version 5.0a** and Service Bulletin (SB), 150-045610, Rev A, dated 6/23/2004, stating availability and how to install the new software. Chelton and its dealers have also started an aggressive update program to ensure that all aircraft are updated no later than the end of November 2004. Modifications to the EFIS software require that the navigational database be updated to a new format. After November 2004, Chelton Flight Systems will no longer support the older navigational database format.

Recommendation

We **highly** recommend that you obtain software version 5.0a and follow the instructions and information presented in the referenced SB to update the Chelton EFIS. The SB can be obtained from:

www.cheltonflightsystems.com

For Further Information Contact

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